

AMENDMENTS TO THE CLAIMS

Claims 1-13 have been canceled.

14. (New) A volatile corrosion inhibitor to be kneaded into a resin,
wherein the volatile corrosion inhibitor is to be blended into a molding material having a thermoplastic resin as a principal base material component; and
comprising:
a nitrous acid metal salt having a melting point not less than a softening temperature of the thermoplastic resin;
a benzoic acid metal salt;
a saturated polycarboxylic acid or a metal salt thereof; and
an anticorrosive component for nonferrous metals.

15. (New) The volatile corrosion inhibitor according to Claim 14, wherein the nitrous acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of nitrous acid.

16. (New) The volatile corrosion inhibitor according to Claim 14, wherein the benzoic acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of benzoic acid.

17. (New) The volatile corrosion inhibitor according to Claim 14, wherein the saturated polycarboxylic acid is at least one selected from a group consisting of sebacic acid,

dodecanedioic acid, adipic acid, fumaric acid, succinic acid, citric acid, tartaric acid, and malic acid.

18. (New) The volatile corrosion inhibitor according to Claim 14, wherein the metal salt of the saturated polycarboxylic acid is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt.

19. (New) The volatile corrosion inhibitor according to Claim 14, wherein the anticorrosive component for nonferrous metals is at least one selected from a group consisting of 2-mercaptobenzothiazole, 2-benzothiazolylthioacetic acid, 3-2-benzothiazolylthiopropionic acid, 2,4,6-trimercapto-s-triazine, 2-dibutylamino-4,6-dimercapto-s-triazine, benzotriazol, methylbenzotriazol, and alkali metal salt, alkaline earth metal salt, zinc salt thereof.

20. (New) The volatile corrosion inhibitor according to Claim 14, wherein:

the nitrous acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of nitrous acid;

the benzoic acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of benzoic acid;

the saturated polycarboxylic acid is at least one selected from a group consisting of sebacic acid, dodecanedioic acid, adipic acid, fumaric acid, succinic acid, citric acid, tartaric acid, and malic acid;

the anticorrosive component for nonferrous metals is at least one selected from a group consisting of 2-mercaptobenzothiazole, 2-benzothiazolylthioacetic acid, 3-2-benzothiazolylthiopropionic acid, 2,4,6-trimercapto-s-triazine, 2-dibutylamino-4,6-dimercapto-s-triazine, benzotriazol, methylbenzotriazol, and alkali metal salt, alkaline earth metal salt, zinc salt thereof.

21. (New) The volatile corrosion inhibitor according to Claim 20, wherein the metal salt of the saturated polycarboxylic acid is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt.

22. (New) The volatile corrosion inhibitor according to Claim 14, comprising the nitrous acid metal salt, the benzoic acid metal salt, the saturated polycarboxylic acid or the metal salt thereof, and the anticorrosive component for nonferrous metals at a mass ratio of 5 to 50 : 10 to 90 : 1 to 80 : 0.1 to 80, respectively.

23. (New) The volatile corrosion inhibitor according to Claim 14, wherein the thermoplastic resin includes a polyolefin resin as a principal component.

24. (New) A molding material for preparation of a volatile anticorrosive resin product, wherein 0.5 to 10 mass % of the volatile corrosion inhibitor according to Claim 14 is included in a thermoplastic resin.

25. (New) A volatile anticorrosive film obtained by molding the molding material according to Claim 24 into a shape of a film.

26. (New) The volatile anticorrosive sheet obtained by molding the molding material according to Claim 24 into a shape of a sheet.

27. (New) A volatile anticorrosive fiber obtained by molding the molding material according to Claim 24 into a shape of a fiber.

28. (New) An anticorrosion method of a metal material, comprising the steps of:

molding a container with the volatile anticorrosive film or with the volatile anticorrosive sheet according to Claim 25;

inserting the metal material into the container; and

sealing the container for packaging.

29. (New) An anticorrosion method of a metal material, comprising the steps of:

molding a container with the volatile anticorrosive film or with the volatile anticorrosive sheet according to Claim 26;

inserting the metal material into the container; and

sealing the container for packaging.